



Michael P. Mazza, LLC  
686 Crescent Blvd., GlenEllyn, IL 60137-4281  
Phone: 630 858 5071  
Fax: 630 858 0373 / 630 282 7123  
E-mail: mazza@mazzallc.com  
website: mazzalawfirm.com

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**By Express Mail**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: United States Patent Application  
Title: SIMULATED HUNTING APPARATUS  
AND METHOD FOR USING SAME  
Filed: December 9, 2003  
Inventors: J. Scott Kennen, Jason D. Heald

Dear Sir/Madame:

Pursuant to 37 C.F.R. Section 1.52(e) and MPEP Section 608.05, Applicants provide this transmittal letter listing, for each enclosed duplicate compact disc labeled "COPY 1" and "COPY 2," the following:

- machine format: IBM-PC
- operating system compatibility: MS-Windows
- a list of files contained on each CD, which are identical duplicates of each other, including their names, sizes in bytes, and dates of creation (last date modified), plus any other special information that is necessary to identify, maintain and interpret the information on the compact disc:

The files listed below include the source code to compile and create the application. The preferred way to compile the application is to use Eclipse Platform 2.1 to load the appropriate source code and utilize the java compiler on a Windows-based personal computer to create the application.

Further, to run the application, it is necessary to have Apple - QuickTime installed to utilize some imaging conversion routines and Suns Java SDK 1.3 or later.

**These files include ASCII text-only files.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "MP Mazza". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Michael P. Mazza  
Attorney for Applicants

## Directory listing

### Directory of D:\osg

```
12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
12/07/2003 11:39 AM      820 .classpath
05/15/2003 02:02 PM      379 .project
12/07/2003 05:26 PM <DIR> Example Media
12/07/2003 05:26 PM <DIR> META-INF
12/07/2003 04:46 PM    4,415 build.bat
12/07/2003 05:26 PM <DIR> configuration
12/07/2003 05:26 PM <DIR> lib
12/07/2003 05:26 PM <DIR> media
12/07/2003 11:50 AM      832 osg.jardesc
12/07/2003 05:24 PM      399 readme.txt
12/07/2003 04:59 PM      244 simshot.bat
12/07/2003 05:26 PM <DIR> src
12/07/2003 05:26 PM <DIR> sysfiles
        6 File(s)      7,089 bytes
        9 Dir(s)        0 bytes free
```

### Directory of D:\osg\Example Media

```
12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
06/10/2003 11:26 AM    2,797,984 4bucks120k8fps320.avi
10/13/2003 07:31 PM    1,789,686 archrang4.mov
12/03/2003 11:26 PM    3,500,802 testmovie4.mov
        3 File(s)    8,088,472 bytes
        2 Dir(s)        0 bytes free
```

### Directory of D:\osg\META-INF

```
12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
12/07/2003 11:50 AM      63 osg.mf
        1 File(s)      63 bytes
        2 Dir(s)        0 bytes free
```

### Directory of D:\osg\configuration

```
12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
12/07/2003 11:50 AM    1,137 001020323.xml
12/07/2003 11:50 AM    1,138 001020324.xml
```

2 File(s) 2,275 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\lib

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
10/03/2003 03:14 PM 167,936 QTJava.DLL  
10/03/2003 02:35 PM 970,995 QTJava.zip  
10/03/2003 03:14 PM 340,480 QTJavaNative.dll  
12/12/2002 03:23 PM 262,152 hsqldb.jar  
03/27/2003 04:01 PM 439,220 jface.jar  
03/27/2003 04:01 PM 348,522 jfacetext.jar  
05/26/2003 06:44 AM 350,677 log4j-1.2.7.jar  
12/07/2003 04:47 PM 209,313 osg.jar  
03/27/2003 09:01 PM 278,528 swt-win32-2133.dll  
06/27/2003 03:06 PM 278,528 swt-win32-2135.dll  
06/27/2003 03:06 PM 1,011,569 swt.jar  
01/22/2003 10:37 AM 926,634 xerces.jar  
12 File(s) 5,584,554 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\media

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
06/10/2003 11:26 AM 2,797,984 4bucks120k8fps320.avi  
10/13/2003 07:31 PM 1,789,686 archrang4.mov  
12/07/2003 05:26 PM <DIR> arrowimages  
12/07/2003 05:26 PM <DIR> images  
12/07/2003 05:26 PM <DIR> pics  
12/07/2003 05:26 PM <DIR> shotimages  
2 File(s) 4,587,670 bytes  
6 Dir(s) 0 bytes free

Directory of D:\osg\media\arrowimages

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
05/20/2003 12:39 PM 511 red\_dot.gif  
06/14/2003 02:36 PM 2,590 red\_dot2.gif  
2 File(s) 3,101 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\media\images

```

12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
06/14/2003 02:16 PM      4,994 PIC_dh3_09.jpg
11/17/2003 03:19 PM      589 checkbox.gif
06/15/2003 10:02 AM     18,961 clip_image002.jpg
11/05/2003 09:37 AM     49,029 easton.gif
10/24/2003 08:34 AM    259,612 easton5.bmp
      5 File(s)      333,185 bytes
      2 Dir(s)        0 bytes free

```

#### Directory of D:\osg\media\pics

```

12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
05/20/2003 12:39 PM      511 red_dot.gif
06/14/2003 02:36 PM     2,590 red_dot2.gif
      2 File(s)      3,101 bytes
      2 Dir(s)        0 bytes free

```

#### Directory of D:\osg\media\shotimages

```

12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
05/20/2003 12:39 PM      511 red_dot.gif
06/14/2003 02:36 PM     2,590 red_dot2.gif
      2 File(s)      3,101 bytes
      2 Dir(s)        0 bytes free

```

#### Directory of D:\osg\src

```

12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
12/07/2003 05:26 PM <DIR> com
      0 File(s)      0 bytes
      3 Dir(s)        0 bytes free

```

#### Directory of D:\osg\src\com

```

12/07/2003 05:26 PM <DIR> .
12/07/2003 05:26 PM <DIR> ..
12/07/2003 05:26 PM <DIR> osgi
12/07/2003 05:26 PM <DIR> swtdesigner
      0 File(s)      0 bytes
      4 Dir(s)        0 bytes free

```

#### Directory of D:\osg\src\com\osgi

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
12/07/2003 05:26 PM <DIR>      simshot
12/07/2003 05:26 PM <DIR>      util
      0 File(s)      0 bytes
      4 Dir(s)      0 bytes free

```

Directory of D:\osg\src\com\osgi\simshot

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:48 PM      4,910 About.java
11/17/2003 12:36 PM      20,915 BuildArrow.java
12/07/2003 11:02 AM      18,064 MainComposite.java
11/17/2003 12:49 PM      3,805 NewConfiguration.java
11/17/2003 12:49 PM      3,713 Preferences.java
11/17/2003 12:36 PM      13,014 ShaftSelector.java
11/17/2003 12:49 PM      3,002 SimMenu.java
11/19/2003 01:28 PM      12,599 SimShot.java
11/17/2003 03:24 PM      1,745 SimShotConstants.java
11/17/2003 12:50 PM      1,583 VideoPanel.java
12/07/2003 05:26 PM <DIR>      arrow
12/07/2003 05:26 PM <DIR>      calculate
12/07/2003 05:26 PM <DIR>      config
12/07/2003 05:26 PM <DIR>      dbtests
12/07/2003 05:26 PM <DIR>      dialogs
12/07/2003 05:26 PM <DIR>      media
12/07/2003 05:26 PM <DIR>      objects
12/07/2003 05:26 PM <DIR>      speed
12/07/2003 05:26 PM <DIR>      swt
12/07/2003 05:26 PM <DIR>      tools
12/07/2003 05:26 PM <DIR>      trajectory
12/07/2003 05:26 PM <DIR>      video
      10 File(s)      83,350 bytes
      14 Dir(s)      0 bytes free

```

Directory of D:\osg\src\com\osgi\simshot\arrow

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:36 PM      4,757 Arrow.java
11/17/2003 12:36 PM      6,220 ArrowBuilder.java
11/17/2003 12:36 PM      1,390 FletchingType.java
11/17/2003 12:36 PM      2,481 Manufacturer.java
11/17/2003 12:36 PM      1,366 Model.java

```

11/17/2003 12:36 PM 1,402 PointInsertWeight.java  
11/17/2003 12:36 PM 1,384 PointWeight.java  
11/17/2003 12:36 PM 1,384 ShaftLength.java  
11/17/2003 12:36 PM 1,378 ShaftType.java  
9 File(s) 21,762 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\calculate

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
12/07/2003 03:14 PM 5,213 BallisticCalculator.java  
12/07/2003 03:15 PM 2,687 BallisticObject.java  
12/07/2003 03:20 PM 6,345 SpeedCalculator.java  
3 File(s) 14,245 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\config

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/17/2003 12:45 PM 10,788 Configuration.java  
11/17/2003 12:36 PM 1,709 ConfigurationException.java  
12/07/2003 10:31 AM 15,933 ConfigurationManager.java  
12/02/2003 09:21 AM 2,884 ResourceManager.java  
12/02/2003 09:30 AM 8,948 SimShotConnection.java  
5 File(s) 40,262 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\dbtests

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/19/2003 01:14 PM 9,411 DBTest.java  
1 File(s) 9,411 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\dialogs

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/17/2003 12:36 PM 2,849 ErrorDialog.java  
11/17/2003 12:36 PM 2,846 InfoDialog.java  
11/17/2003 12:36 PM 2,855 WarningDialog.java  
3 File(s) 8,550 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\media

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/17/2003 01:06 PM 1,785 MediaManager.java  
1 File(s) 1,785 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\objects

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/19/2003 01:19 PM 5,949 ArrowImage.java  
11/18/2003 01:04 PM 5,921 ShotImage.java  
2 File(s) 11,870 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\speed

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
12/07/2003 03:18 PM 16,259 SpeedComposite.java  
12/06/2003 04:54 PM 3,181 SpeedObject.java  
2 File(s) 19,440 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\swt

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/17/2003 12:36 PM 5,198 SWT\_AWT2.java  
1 File(s) 5,198 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\tools

12/07/2003 05:26 PM <DIR> .  
12/07/2003 05:26 PM <DIR> ..  
11/19/2003 01:13 PM 11,767 ChangeArrowImage.java  
11/18/2003 08:58 AM 11,718 ChangeShotImage.java  
2 File(s) 23,485 bytes  
2 Dir(s) 0 bytes free

Directory of D:\osg\src\com\osgi\simshot\trajectory



```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:52 PM          5,673 Trajectory.java
12/06/2003 04:53 PM          4,838 TrajectoryPanel.java
      2 File(s)      10,511 bytes
      2 Dir(s)       0 bytes free

```

Directory of D:\osg\src\com\osgi\simshot\video

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
12/07/2003 12:48 PM      24,446 SimVideo.java
      1 File(s)      24,446 bytes
      2 Dir(s)       0 bytes free

```

Directory of D:\osg\src\com\osgi\util

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:36 PM      2,786 EncodingMap.java
11/17/2003 12:36 PM      901 MultipleElementsFoundException.java
12/07/2003 10:50 AM      1,013 OsgUtils.java
12/06/2003 03:19 PM      22,738 StdDate.java
12/06/2003 03:19 PM      56,651 StringUtil.java
12/06/2003 03:20 PM      9,219 XMLUtils.java
      6 File(s)      93,308 bytes
      2 Dir(s)       0 bytes free

```

Directory of D:\osg\src\com\swtdesigner

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:36 PM      4,604 ResourceManager.java
      1 File(s)      4,604 bytes
      2 Dir(s)       0 bytes free

```

Directory of D:\osg\sysfiles

```

12/07/2003 05:26 PM <DIR>      .
12/07/2003 05:26 PM <DIR>      ..
11/17/2003 12:43 PM      1,331 default.xml
12/07/2003 05:01 PM      998 simshot.backup
12/07/2003 05:01 PM      3,328 simshot.data
12/07/2003 05:01 PM      359 simshot.properties
12/07/2003 05:01 PM      4,691 simshot.script
      5 File(s)      10,707 bytes

```

2 Dir(s) 0 bytes free

\* \*

Total Files Listed:

91 File(s) 19,091,456 bytes  
28 Dir(s) 0 bytes free